VOL-(7)

THE MILWAUKEE RADIO AMATEURS CLUB INC.

AS OF SEPT.,I'ST,1928.

PAID-UP-MEMBERS;

J.B.AMSTUTZ
FRED CATEL
FRED H.GROSS
F.J.JUTRASH
I.W.JACKSON
H.C.KAETEL
ROBT.E.KNOFF
A.C.KRONES
HAROLD KURTH
LLOYD LEWIS
JUSTIN PORKONY
A.G.POLLATH
W.J.RAMSDALE
G.C.RAUTENBERG
FRED E.SCHUNCK
FREEMONT D.SCHUNCK
D.E.SEIBEL
CHAS.H.SCHOLTEN
LEROY SPANHEIMER
OTIS STOMNER
L.J.TOPOLINSKI
JEROME VINT
ADOLF WIGGERT * 23 *

HONORARY-MEMBERS

L.S.HILLEGAS-BAIRD
C.N.CRAPO
E.T.FLEWELLING
PAUL F.JOHNSON
R.G.W.MATHEWS
CHAS.POLACHECK
R.A.TESCHAN
H.F.WAREING * 8 *

NON-RESIDENT

WM.BINGHAM
JOS.KEMMETER * 2 *

MEMBERS-IN-ARREARS;

1 MONTH- JAMES ROSE ✓
2 " CHAS.H.SCHOLZ ✓
3 " J.P.ASCHENBRENNER
JOE DUFFEK
CARL H.HATCH
E.G.NICKEL
JOHN WORISEK
4 " WERNER SCHULTRICH
GEO.F.WARD
C.M.PRINSLOW
GEO.A.RUGER
G.E.WOODWARD
5 " SAM SNEAD
6 " GEO.COATES
7 " GEO.O.WRAY
8 " WILMER SCHUH
GEO.J.SCHUH
EDWARD GROBBEN
SIGMUND WYSOCKE
9 " OTIS H.CARTER
ROBT.B.GUTHRIE
LAWRENCE E.KAAP
F.A.SCHAEFER
11 " D.E.WETHERALL
F.J.PETERS
12 " HENRY ZOTTER
H.W.FERRIS
13 " JOS.DECKER
14 " GEO.C.BOWEN * 29 *

* 193 Mo.*

* $ 91.25 *

D.E.SEIBEL
SECY-TREAS.
M.R.A.C.INC.

TOTAL MEMBERS PAID-UP * 33 *

1928-1929

DON SEIBEL-W9ESF
PRES.

THE MILWAUKEE RADIO AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING SEPT.13'TH,1928.

The meeting was called to order by the President Mr.Freemont D.Schunck.

Minutes of the previous meeting were read and approved.

Mr.Jutrash Entertainment CoMM.Chairman reported on the picnic held at Moose Lake.

Mr.Howell Tech.Comm.Chairman reported on his experiences at Great Lakes during his training period. He also explained the working of his growler which was on display.

Mr.Crapo SCM made a short report and mentioned that there would be room for a few mew appointments as ORS stations.

Mr.Lippencott was present and displayed a Band Pass Filter which he had made and spoke of its operation.

Mr.Le Roi Harris 9BSS was proposed as a member and accepted.

This being the first meeting of the season and as all the various Comm.Chairmen were not present the President asked for a few reports of various members as to their summers activities.

Mr.Geo.Coates was present and thanked the members for their expression of sympathy when he was injured some time ago.

There being no further business the meeting was adjourned.

Respectfully Submitted,

D. E. Seibel

Secretary

Treasurers Report:

Old Bal.	$ 19.68	
Ret.From Picnic	6.00	
Dues and Fees	22.50	
XXXXXXXXBal.	$ 48.18	
Expenses:		
Dues Cr.on Books	$ 1.00	
Postage	2.75	
	$ 3.75	Present Bal. $ 44.43

Respectfully Submitted,

D. E. Seibel

Treasurer.

The MILWAUKEE RADIO AMATEURS CLUB INC.
MINUTES OF THE REGULAR MEETING SEPT.,20'TH,1928.

The Meeting was called to order by the President Mr.FreemontD D.Schunck.

Minutes of the Previous meeting were read and approved.

Mr.Catel made a short report in his capacity of Bus.Mgr,and stated that as all the Officers had been performing their dutdes satisfactoraly he had nothing much to do.

Mr.Crapo SCM had nothing to report but stated that his station was on the air now on 80 Meters.

Mr.Howell Tech.Comm.Chairman told of an experience he had had and how it was remidied.He also spoke of the work of Mr Hull as outlined in QST.

Mr.Jutrash made a short report on the years entertainments and thanked his co-worker MrSchuh as a member of his committee.

Mr Schuh also said a few words on the same subject.

Mr,Catel reported that the USNR V3 had obtained the use of a room and the towers at the Coast Guard Station and asked for permission to use the Clubs Rec.and Xmtr at this location.

The Club granted this petition by a vote in the affirmative.

Mr.Topolinski reported as the Clubs Legal Counsel.

Mr.Herman Schenk and Mr.Walter F.Gregg were voted a regular membership in the Club at this Meeting.

The President announced that the election of Directors for the coming year would now be held and this occupied the balance of the evening.

The following were nominated; Messrs.Crapo,Ramsdale,Jutrash, Schuh,Ward,Catel,Howell,Schunck,Knoff,Krones,Seibel,Rautenberg, and Kaetel.

The following were elected; Howell,Seibel,Catel,Knoff,Crapo, Krones,Schunck,. Mr Freemont Schunck and ROB.Knoff at this time withdrew,thereby electing Mrs.Jutrash,Ward,and Ramsdale.

Ward

A meeting of this B ofD was then held and the following were elected as Officers; Pres.Don Seibel,Vice-Pres.Edward T Howell, Secy-Treas.Frank Jutrash,Business Mgr.Fred Catel.

There being no further business the meeting was adjourned,

Respectfully Submitted,

D. E. Seibel

Secretary.

Treasurers Report;	Bal on Hand	$ 44.43
	Receipts	30.00
	Disbursed	8.90
	Bal.on Hand	$ 65.53

Respectfully Submitted,

D. E. Seibel

Treasurer.

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.,
MINUTES OF THE REGULAR MEETING SEPT. 27, 1928.

The meeting was called to order by the President, Mr. Fremont D. Schunck.

Minutes of the previous meeting were read and approved.

The treasurer reported a balance of $65.53.

The president then turned over the meeting to the newly elected President Mr. Don Seibel.

A speech was called for and Mr. Seibel stated that it was his intention to serve the club to the best of his ability.

Mr. Howell was then installed as vice president and remarked that he had returned to his old love, having held this position some years back.

The Secretary-Treasurer then took his place and stated that he would take care of any matters that the members brought to his attention.

The retiring President was given a rising vote of thanks for his efforts the past year.

Mr. Catel, re-elected as Business manager, stated that he would try to make the club the biggest and best in the world.

President Don Seibel then appointed the following Committee Chairman:

Technical Committee	E. T. Howell
Papers and Publications	Geo. Ward
Publicity	Fred Catel
Membership	Otis Stomner
Entertainment	Fred Gross
Traffic	C N Crapo.

Mr. Howell, Technical Committee Chairman, reported on the narrowing of the amateur bands and explained how to spread the frequencies over the dial by removing condenser plates. Several other members of the club then recounted other ways of accomplishing the end. Mr. Howell also appointed every member of the club on his committee, the idea being to get a varied technical report.

Mr. Bowen explained the hook-up of the club transmitter which was on exhibition at the meeting prior to its being placed temporarily at the Coast Guard Station for the use of the Naval Communication Reserve who had received the club's permission for its use.

Mr. Gross reported that as he had been Entertainment Chairman for a very short time he had not report to make at this meeting, but called for suggestions.

The question of conducting a booth at the Radio Show was brought up but Business Mgr. Catel said that inasmuch as we had received no invitation from the Show officials we might appear as belittling ourselves and the matter was dropped.

Mr. Halfpap of the Federal Rlwy Institute asked if any one had received word from the R. I. to check up his school station relative to a possible violation of the radio law.

Mr. Lippincott, Hartford, had a test set on exhibition which he explained was to be disposed of and also mentioned its various uses.

Messrs. Catel and Howell, State Commander and Milwaukee Unit Commanders respectively of the Naval Reserve, reported on the progress of the Reserve.

Meeting adjourned at 9:15 P. M.

Respectfully submitted,

Frank J. Jurasek (Sec., Treas.

Treasurer's Report: $65.53 on hand,

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING OCTOBER 4, 1928.

The meeting was called to order by President Seibel.

Minutes of the previous meeting were read and approved.

Committee reports:

Mr. Stomner, Membership chairman, not being present at the previous meeting had no knowledge of his appointment but promised a report in a week. Van Dornick's application accepted.

Mr. Gross, Entertainment Chairman, had no report but called for suggestions

Mr. Crapo, SCM. Traffic Chairman, reported that traffic was picking up and was much better than last month. He read 9DLD's report on skeds. He also stated that Navy drill mesgs may be counted only when addressed to individuals.

Mr. Ward, Papers & Pub. Chairman, suggested that the club subscribe for the following magazines: Wireless World, Radio, Radio Broadcast. Other suggestions were made. The secretary was asked to write the necessary checks for the above. Mr. Ward also stated that the code practice set required new B batteries and was instructed to purchase same and receive a check from the Sec.

Mr. Catel, Bus. Mgr., circulated a ~~petit~~ nominating papers for D J Angus, 9CYQ, for Central Div. Dr. and read a letter from Mr. Burns 9AP at Chicago, asking for support in this movement. Mr. Angus is well known to amateurs and had a place on our program during the convention.

A report was also made on Naval Reserve activities and it was mentioned that the station was about to go on the air as soon as a license was procured. The Sec. was instructed to write for the necessary papers.

Mr. Howell, Tech. Chairman, contineued his talk on the 1929 transmitter and also launched into a discussion of treating the old wavemeters.

The secretary was instructed to secure 15 copies of the new ~~XXXXXXX~~ Radio Amateur Call book.

Meeting adjourned at 9:30 P. M.

Respectfully submitted
F J Jutrash, Sec.
F. J. Jutrash Sec.

Treasurers Report.

Balance on hand		$65.53
Receipts		
Mr. Gaido, Dues	1.00	
Mr. VanDornick, Jr. Dues & Fee	.50	
	.50	
	67.53	
Expenditures		
For 15 call books	10.50	
	57.03	On Hand Oct. 12, 1928.
	.03	

Respectfully submitted,
F J Jutrash, Treasurer.
F. J. Jutrash

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING OCTOBER 11, 1928.

1. Meeting called to order by President Seibel at 8:15 P. M.
2. Minutes of the previous meeting were read and approved.
3. Bus. Mgr. Catel called attention to a new Radio Manual published by Van Nostrand and at the instructions to the secretary were to secure a copy on the company's offer of ten days free trial. Some discussion followed as to its location after its purchase and it was suggested that the
4. Tech. Committe Chairman, Mr. Howell have charge and handle it on the order of a library issuing books.

Mr. Catel also announced that the club station was operating in good style and that Navy activities were moving. He read some extracts from the regulations, also.

4. The R. I's. letter to the sec. relative to a club license giving the conditions was read. The following resolution was to be drafted by the Secretary and forwarded to him together with the names of the operators. Resolution attached/herewith .

RESOLVED THAT

The Milwaukee Radio Amateur Club, Inc., at regular meeting assembled on Oct. 11, 1928do and hereby appoint Mr. Frank J. Jutrash, 9ALL, Sec.-Treas. of said club, as agent for the purpose of submitting application and receiving therefor a license for the Club transmitter located at the Coast Guard Station, McKinley Beach, Milwaukee, Wis.

BE IT FURTHER RESOLVED THAT

In accordance with the Radio Act Of 1927 a copy of this resolution be attached to the license application and together with same submitted to the Supervisor of Radio of the 9th District.

AND BE IT FURTHER RESOLVED THAT

a copy of this resolution be spread upon the minutes of this meeting.

THE MILWAUKEE RADIO AMATEUR CLUB,

per Frank J Jutrash, Sec-Trea.

The following were named as operators of the station. Messrs. Catel, Crapo, Howell, Krones, Ramsdale, Guthrie, Ward Wetherell and Jutrash.

5, Mr. Howell, Tech Committee, gave a short resume' of methods used in building receivers years ago and then continued with a discussion on Filter Condensers.

Mr. Crapo exhibited a sample of a tube base coil and a calibrated dial and its operation on a reciever. He also mentioned experiments using ald circuits. Mr. Stomner also had some tube base, low loss coils on display. A general discussion on xmitters followed.

6. Mr. Gross, Entertainment Chairman, was absent. No report.

7. Mr. Ward, Papers & Pub., gave a report on articles appearing in various magazines some of which are: Portable set; design of ultra short xmtrs.using ultraudion circuits and a Kruse Article on S W sets in Radio Broadcast using Colpits circuit.

8. Comments were made by the President relative to the attention paid the various speakers.

9. Mr. Crapo announced an interesting discovery in experimenting with transmitting coils in which it was found that the spacing between turns had a very marked effect on the r esults.

10. Mr. Fred Werdemann was accepted to membership.

11. Meeting adjourned at 9:45 P. M.

Respectfully submitted

F J Jutrash, Sec-Treas.

TREASURERS REPORT:

Balance on hand		$57.03
Receipts:		
QST Sub., Fee and dues from Fred Werdemann		3.50
		60.53
Expenditures		
Postage on call books	.49	
QST Sub. to Colvin	2.50	
	2.99	
		$57.54

Oct. 12, 1928.

The following list of operators will be permitted to operate the station of the Milwaukee Radio Amateur Club, Inc. located at the Coast Guard Station, McKinley Beach, Milwaukee, Wis.

Fred Catel, 9DTK, 711 Kenwood Blvd., Milwaukee.
Clarence Crapo, 9VD, 443 Newton Blvd., Milwaukee.
E. T. Howell, 9CVI, 522 Hawthorne Av., So. Milwaukee.
A. Krones, 9ALV, 748 Illinois Avenue, Milwaukee.
W. J. Ramsdale, 9BWO, 574 Milwaukee Street, Milwaukee.
R. B. Guthrie, 9EYU, R 1, No. Milwaukee.
D. E. Wetherell, 401 15th Av., Milwaukee (9ASL)
F. J. Jutrash, 9ALL, 385 11th Av. Apt. 5, Milwaukee.

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING OCTOBER 18, 1928.

1. Meeting called to order by President Seibel, at 8:15 P. M.
2. Minutes of the previous meeting were read and approved.
3. Bus. Mgr. Catel reported on the beautiful work of the club transmitter and stated that one of the Recto bulbs had burned out and that it had been sent to the manufacturer for repairs or exchange. He also reported that the Milwaukee Unit Commander of the Navy Reserve, Mr. Howell, had established a watch at the station and men were on duty Mon., Wed., and Friday.evenings.
4. Mr. Crapo, Traffic Manager, Had no report.
5. Mr. Stomner, Membership Chairman, reported the application of two members, Messrs. Tucholski and Wollaeger. Mr. Tucholski was accepted as a member. No action on was taken on Mr. Wollaeger's application as it was presented later in the evening.
6. Mr. Gross, Entertainment Chairman, was absent.
7. Mr. Ward, Papers and Publications Chairman, was also absent.
8. Mr. Howell, Tech Chairman, was gratified with the manner the members responded to his call for technical data. He mentioned a phenomona he noticed On Oct. 18 relative to the absence of signals on the 40 meter band and very weak "echo" characteristic signals on the 80 meter. This lead to a discussion of a possible cause and it was stated that the aurora was noticeably strong during that period, Mr. Rice stating that a voltage of 35 volts was induced on a phone line he was testing on that day. Mr. Howell reviewed 28 m. c. work and mentioned the work of the Telefunken sytem of angle transmission and that of 1ccZwho was working for detailed results. Various members were called upon for their views on the 1929 transmitters they had. Other members made reports as follows, Mr. Catel on a 1929 80 m wavemeter and Crapo on new and old inductances. This latter coming up as some members found the old inductances seemed to work somewhat better.
9. The secretary had a lot of the new issue Call Books on hand and sold 11 at the meeting.
10. There being no further business, adjournment was 9:35 P. M.

Respectfully submitted,

Frank J Jutrash, Sec-Trea.

TREASURER'S REPORT:

Balance on hand	$57.53
Receipts:	
Dues: Schultrick, 1 mo reg	.50
Howell, 1 mo.	.50
Tucholski, QST, fee and 2 mos. jr.	3.50
Wollaeger, 2 mos. reg.	1.00
11 Call books	8.25
	71.28
Expenditures	
QST Sub to Colvin	2.50
Balance.	68.78

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.,
MINUTES OF THE REGULAR MEETING OCTOBER 25, 1928.

1. Meeting called to order by Pres. Seibel at 8:28 P. M.
2. In the absence of the Sec. Mr. Rice acted in that capacity until his arrival.
3. Minutes of the previous meeting were not read.
4. Bus. Mgr. Catel reported that the Club call was W9GDO. He also reported that one of the Recto Bulbs had gone "west" and read alletter from the Mnfr. regarding same. He also suggested that the club purchase a charger.
5. Trfc Mgr. Crapo read extracts from a bulletin fromHQs. and mentioned that the 80 meter band and late hours were fine for traffict and dx. He also called attention to the new Q Sigs and also to the restablishment of the Amateur 1st Grade license.
6. Tech. Committee Chairman Howel discussed a method of figuring the efficiency of radio freq. circuits. He mentioned the Byrd Expedition and the radio equipment on Board. Also, reviewed some radio terms and elementary electricity.

   Mr. Tucholski related some experiences and results he obtained with grounded aerials.

   Mr. Ward, Papers & Publications Comte, gave a talk on low pass filters.

   Mr. Catel read extracts from the Radio Service Bulleting relating to new ham regulations and Greenwich Time.

   Mr. Wollaeger was accepted as a member at this meeting
7. Ex Vice Pres. Knoff excused his "presence" on account of not being out of town as he had been for a few meetings.

8. Adjournment was at10:00 P. M.

Respectfully submitted

Frank J. Jutrash, Sec-Treas.

F. J. Jutrash

Treasurers Report.

Balance on Hand		$68.79
Receipts:		
Dues: Ward, 3 mos. reg.	1.50	
2 call books	1.50	
" ?	.50	3.50
		72.29
Expenditures		
150 post cards		1.50
		70.79
Received 1 call book		.75
		71.54

Respectfully submitted

Frank J Jutrash, Treas.

F. J Jutrash

THE MILWAUKEE RADIO AMATEURS CLUB, INC.,
MINUTES OF THE MEETING OF NOVEMBER 1 ,ø 1928.

1. Meeting called to order by President Seibel at 8:12 P. M.
2. In the absence of the Secretary Mr. Reiss took his place until his arrival.

3. Mus. Mgr. Catel reported on the coming dinner by the Chicago Radio Trffic Assn at Chicago on Nov. 3d.

4. Messrs. Ward, Crapo, Stomner and Gross had no reports to make.

5. Mr. Bert E. Smith of the Aero Products Co. Chicago, gave a very interesting talk on Hi voltage transmitting condensers and some of the difficulties and experiments connected with their manufacture.

6. The Secretary was instructed to write a letter of appreciation to the Cardwell company for the use of the condenser Mr. Smith had in connection with his talk.

7. The Minutes of the two previous meetings were approved as read

8. Mr. Howell reported on that article which appeared in the last issue of QST relative to the use of a vibrating rod used for controlling frequencies. He also went into some of naval work and touched on the subject of resonance.

9. Mr. Scholz exhibited a monitor he had built utilizing a marshmallow box for the container and giving it a neat appearance with the addition of a base, handle and coat of paint.

10/ Mr. Krones reported that his s. w. xmitter was still in the process of construction.

11. Mr. Lewis requested information relative to the elimination of interference, apparently commutator ripple, on a converter he was using.

12. During the latter part of the meeting, Mr. Howell took the Chair on account of the President finding it necessary to leave early.

13. Adjournment was at 9:50 P. M.

Respectfully submitted,

Frank J Jutrash, Sec.-Trea.

TREASURER'S REPORT.

Balance on hand		$71.54
Receipts:		
Dues:	Reiss, reg. for Oct.	.50
	Kurth, jun. 2 mos.	.50
	Scholz, Assoc. 2 mos.	1.00
	Total	73.54

F J Jutrash, Treas.

FRED CATEL, 9DTK
711 KENWOOD BOULEVARD
PHONE LAKESIDE 146
MILWAUKEE • WISCONSIN

Minutes of the MRAC meeting of November 8th 1928.

The meeting was called to order by President Seibel, owing to the absense of the secretary the reading of the minutes was dispensed with. Mr. Catel was appointed temporary secretary by the president.

The business manager read a letter from ex-president Schunck who is sojourning in Minneapolis, W9AFZ has been hearing manny of the Milwaukee gang on the air.

Mr. Howell chairman of the technical committee introduced W9ELD who reported on a burned out 5 kilowatt transmitting tube used at WTMJ. He gave the characteristics of the tube and the life of the tube was about 5000 hours which W9ELD claims is longer than any amateur could possibly use a tube.

W9ATU exhibited his new monitor box and reported on it. A discoussion on monitor boxes than followed. Mr. Howell than reported on "Audio By-Pass Condensers.

Mr. Crapo reported on traffic and also explained in detail his new crystal controlled transmitter.

Mr. Ward chairman of the publications committee gave a very fine report on "A New Short Wave Receiver", taken from Radio Broadcast, he also reported on the new Remler System of audio amplification, He read where the RCA are putting three new tubes on the market called the 121B, WX25 and 201B all of which are amplifiers with much greater efficiency.

The president reported receiving answers to some of his letters for speakers from the Burgess Co and the Jewell Instrument Co.

The President called a B.D.meeting to be held after the regular meeting.

Upon motion the meeting adjourned.

B.D.Meeting.

A resolution was passed that no Naval Reserve be discussed at regular meetings of the club. It appears that certain members are offended when the Naval Reserve is mentioned.

Mr. Catel offered to return the Club's transmitter and receiver and sever all relations between the reserve and the club.

While nobody has directly complained to any of the officers of the club there seems to be some discention.

at a regular meeting of the Board of Directors on Nov 15th the resignation of Mr Jutras was accepted and Mr Rice appointed to in his place

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING NOVEMBER 15, 1928.

At a regular meeting of the Board of Directors on Nov. 15 the resignation of Mr. Jutrash was accepted and Mr. Reiss appointed in his place.

Announcement was made Mr. R. A. Klock of Fansteel Products Company, Inc would speak on, "Something New in Radio" at the regular meeting Nov. 22.

Mr. Catel as Business Manager reports nothing. Motion made and passed there be no meeting Thanksgiving Day Nov. 29.

Mr. Ward gave an interesting report on Short wave receivers used by the Navy, also shortcomings of a super on short waves.

Mr. Crapo reported on his monitor box.

Mr. Ward was appointed to repair code practice set.

Mr. Seibel announced a Western Electric Mike for sale.

Mr. Tucholski reported having received a letter from a radio fan in Madrid Spain who would like to trade European magazines for American magazines.

A suggestion was made by Mr. Reiss that we prepare for the Amateur First Grade License now being offered by the Radio Commission. A theory class was decided on and Mr. Crapo appointed to get information on requirements.

There being no more business meeting adjourned 9:25PM.

Respectfully Submitted,

Secretary. F. H. Reiss.

Treasurers Report;

Balance on hand	$73.54
EXP. Magazines - - - - - - -	11.50
Balance	$62.04

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING NOVEMBER 22, 1928

The meeting was called to order by President Seibel, and the minutes of last meeting read and approved.

Maj. R. A. Kloek of the Fansteel Products Co, gave a very interesting talk on the new Balkite Receiver - an A. C. set using D. C. tubes.

Messers Johnson and Watt accompanied Maj. Kloek.

Business Mgr Catel announced Schultrie donating his transmitter and receiver for the Naval Reserve.

Mr. Crapo reports Wisconsin holding its own with traffic totals.

A report was given on the crystal control at WTMJ by Mr. Krones.

Mr. Howell reported on some short wave phenomena regarding hollow sound at times.

Mr. Ward and Mr. Stevens [illegible] Pub and Membership [illegible] had [illegible] report

Walter Greg reports on his monitor box.

A YL's trip to Europe and a suggestion to the club given by Mr. Knof.

The Secretary was authorized to pay for Sterling's Radio Manuel.

Meeting adjourned 9:58PM

Respectfully submitted,

Harold R. Reiss, Secy. - Treas.

Treas Report.
Balance on hand $57.59
(Bal brt fwd $73.54)

Exp

Magazines (Club)	$1150
D. VanNostrand CO.	495
Post Cards	125
	$17.75

Rec

J. Van Dorniek Jr. RHG Nov	$ .50
C Tucholski Dec. Junior	.25
H.Reiss RHG Nov & Dec.	1.00
	$1.75

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING DECEMBER 6, 1928.

The meeting was called to order by President Seibel, and minutes of previous meeting read and approved.

Business Manager Catel had nothing to report.

Mr. Crapo reported on traffic totals.

Membership committee reported two applications, Julius Fekete, and Harold Booth who were admitted to membership.

Mr. Wilson, of Federal Railway Institute, gave a very interesting talk on power supply.

Technical committee chairman, Mr. Howell, reported on directional transmission and field strength of transmitters.

Ex-President Schunck reported hearing many Milwaukee hams in his travels with a short wave portable.

Mr. Wesley EX-5CN of Texas spoke a few words.

Mr. Barnes read an article pertaining to activities several years ago.

There being no further business the meeting was adjourned.

Respectfully Submitted,

H. Reiss.
Secretary.

Treasurers Report;

Balance brought forward	$57.59
Receipts	$12.00
Expenditures	$ 7.50
Balance on hand	$61.09

Respectfully Submitted,

Treas.

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING DECEMBER 13, 1928.

The meeting was called to order by President Seibel, and the minutes of the previous meeting read and approved.

Mr. Crapo announced he would like to have a few applications for O. R. S.

Due to absence of committee chairmen meeting was thrown open to general discussion, at which time the subject of antennas was discussed.

There being no further business the meeting was adjourned at 932PM.

Respectfully submitted

H. Reuss Sec'y.

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING DECEMBER 20, 1928.

The meeting was called to order by President Seibel, and the minutes of the previous meeting read and approved.

Mr. Catel, Business manager reported on a case of interferense thought caused by amateur radio. Mr. Seibel to investigate. He also reported on his recent visit to 9EK and a new mercury rectifier tube using a filament.

Mr. Crapo and Mr. Stommer, Traffic and Membership respectively had nothing to report.

Mr. Ward, Papers and Publications, reported on a new short wave receiver and using an impedance for grid leak.

Mr. Wareing being present the unfinished discussion of Antennas was taken up.

There being no further business meeting was adjourned 931PM.

Respectfully submitted,

E R Reis Secy.

E. J. Bailey

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.
MINUTES OF THE REGULAR MEETING DECEMBER 27, 1928.

The meeting was called to order by President Seibel, and the minutes of the previous meeting read and approved.

Mr Catel and Mr. Crapo, Business and Traffic had nothing to report.

Technical Chairman Howell reports on expierments with shield grid tubes and piezo oscillator.

Membership committeee chairman Stomner absent.

Mr. Ward, Papers and Publications, reported on radio with the Byrd expedition, also calibration of a wavemeter.

9DLD reported working the Byrd expedition.

This being Old Timers'meeting 9CMP, 9NY, 9CVI, 9DTK, 9AFZ, E. J. Bailey 9ELD, [redacted] related interesting stories of past amateur radio.

Respectfully submitted

[redacted] Secy.